

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 63-104914

(43)Date of publication of application : 10.05.1988

(51)Int.Cl.

A61K 31/19
A61K 7/40
A61K 9/06
// (A61K 31/19
A61K 33:06)

(21)Application number : 61-252634

(71)Applicant : MITSUBISHI KASEI CORP

(22)Date of filing : 23.10.1986

(72)Inventor : KIMURA KUNIKO
ODA KOICHIRO
OTOMO MATSUO

(54) SKIN PREPARATION

(57)Abstract:

PURPOSE: To obtain a stable external preparation for burn of hydrofluoric acid, not causing reduction in gel properties even by long-term preservation at high temperature, consisting of calcium gluconate, a polyhydric alcohol, a nonionic surface active agent, a gelatinizing agent and water.

CONSTITUTION: (A) Calcium gluconate is blended with (B) a polyhydric alcohol, preferably dihydric alcohol, especially propylene glycol, (C) a nonionic surface active agent having preferably 8W15 HLB value (hydrophilic-lipophilic balance), especially polyoxyethylene fatty acid ester such as polyoxyethylene oleate, etc., (D) a gelatinizing agent, preferably xanthan gum and bean gum and (E) water in a ratio of 0.1W5wt% component A, 1.0W30wt% component B, 0.1W10wt% component C and 0.1W10wt% component D, preferably 0.5W3wt% component A, 5.0W20wt% component B, 0.5W5wt% component C and 0.2W8wt% component D to give the external preparation which stands long-term preservation at high temperature and has excellent stability.